

**To:** Stein, Mark[Stein.Mark@epa.gov]  
**From:** Moskal, John  
**Sent:** Fri 12/13/2013 5:07:00 PM  
**Subject:** FW: Updated Capacity Factor graphs for Merrimack Station

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Mark – Sharon asked me to forward this to you. I've updated for first 3 quarters of 2013.

JM

**From:** Moskal, John  
**Sent:** Friday, December 13, 2013 10:38 AM  
**To:** DeMeo, Sharon M.  
**Subject:** RE: Updated Capacity Factor graphs for Merrimack Station

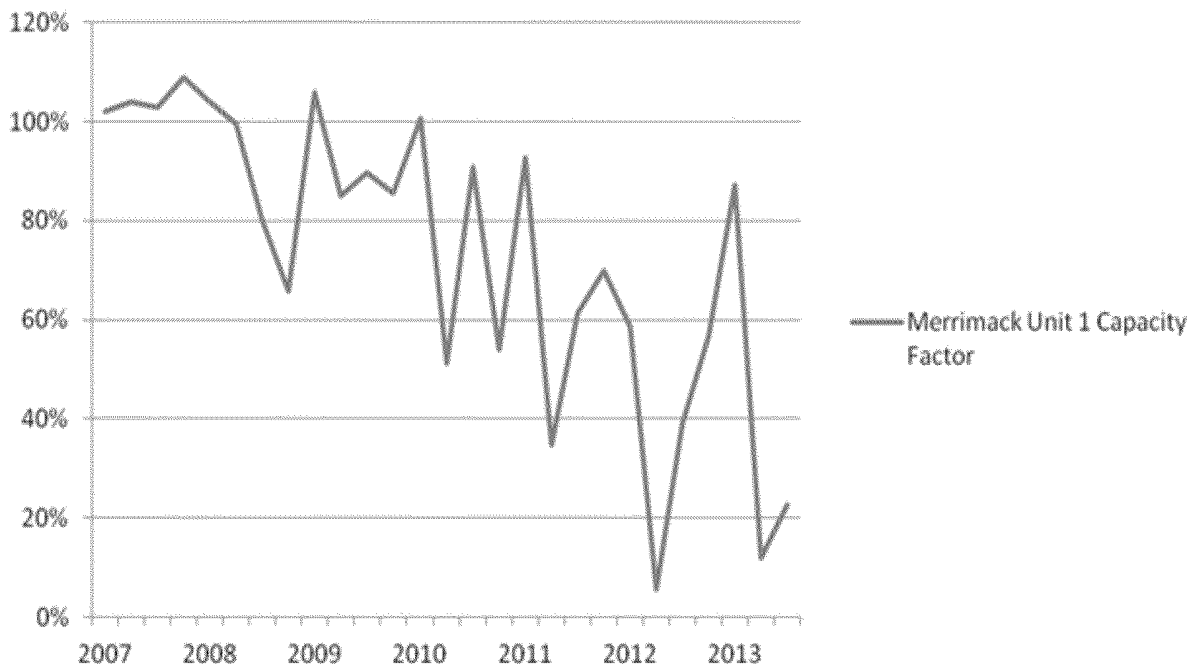
Sharon,

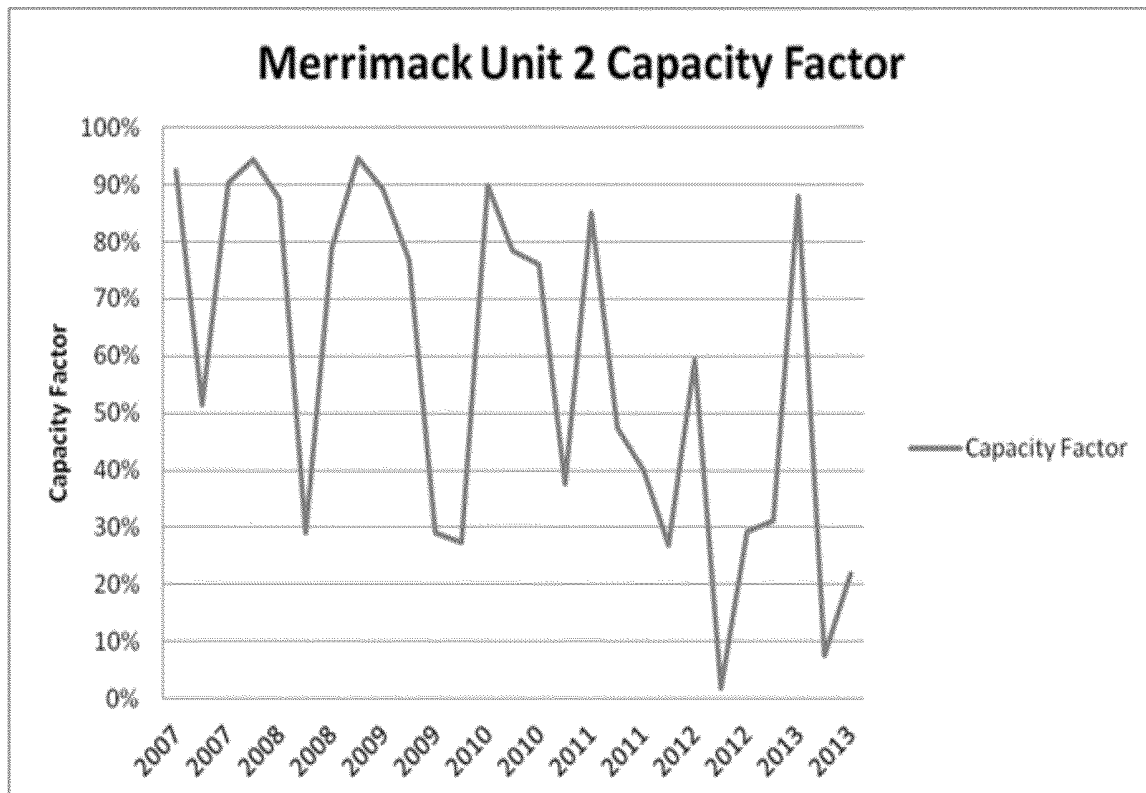
Here you go.

Capacity Factor as I have defined it for use in the graphs I have sent you would be the ratio of the actual production of the plant in MWh divided by the potential production of the plant in MWh.

The actual production was the quarterly production for each unit in Gross MWh as reported to EPA in the Clean Air Markets Database. The generating potential was calculated by taking the nameplate rating of the unit as referenced in the ISO NE CELT (Capacity Energy Loads and Transmission) report and multiplying it by the number of hours in a quarter (30 days \*3 months \*24 hours). The number is then referenced in percentage terms and graphed against the quarter of the year in which it occurred.

## Merrimack Unit 1 Capacity Factor





**From:** DeMeo, Sharon M.  
**Sent:** Wednesday, December 11, 2013 11:41 AM  
**To:** Moskal, John  
**Subject:** Updated Capacity Factor graphs for Merrimack Station

Hey John,

As we discussed last week, would you please update the capacity factor graphs for Merrimack Station and provide citation(s).

Thanks.

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Sharon DeMeo

US EPA – Region 1

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